Quantitation Report (Not Reviewed)

Data Path : \\74.0.250.170\SVOASRV\HPCHEM1\BNA F\DATA\BF030818\
Data File : BF103530.D
Acq On : 8 Mar 2018 21:22
Operator : SJ/JU
Sample : J1824-01
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId :

Quant Time: Mar 08 23:54:22 2018
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF022218.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Mar 08 14:20:19 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.86	152	128570	20.00	ng	0.00
21) Naphthalene-d8	8.15	136	527717	20.00	ng	0.00
38) Acenaphthene-d10	9.91	164	197754	20.00	ng	0.00
63) Phenanthrene-d10	11.40	188	298607	20.00	ng	0.00
75) Chrysene-d12	14.06	240	212108	20.00	ng	0.00
86) Perylene-d12	15.57	264	168039	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.49	112	524982	61.76	ng	0.00
7) Phenol-d6	6.50	99	857857	82.47	ng	0.00
23) Nitrobenzene-d5	7.43	82	499123	54.01	ng	0.00
41) 2,4,6-Tribromophenol	10.70	330	128507	76.77	ng	0.00
44) 2-Fluorobiphenyl	9.22	172	836660	69.81	ng	0.00
78) Terphenyl-d14	12.99	244	614090	69.60	ng	0.00
Target Compounds						Qvalue
9) Benzaldehyde	6.50	77	1242	Below Cal	#	1
19) n-Nitroso-di-n-propylamine	7.43	70	61432	9.489	ng	# 86
25) Isophorone	7.43	82	499123	27.425	ng	# 64
50) 2,6-Dinitrotoluene	9.91	165	24022	7.216	ng	# 26
56) 2,4-Dinitrotoluene	9.91	165	24022	5.705	ng	# 24
64) 4,6-Dinitro-2-methylphenol	10.70	198	116	5.003	ng	# 1
66) 4-Bromophenyl-phenylether	10.70	248	9131	2.935	ng	# 1
73) Di-n-butylphthalate	11.95	149	287742	13.703	ng	99

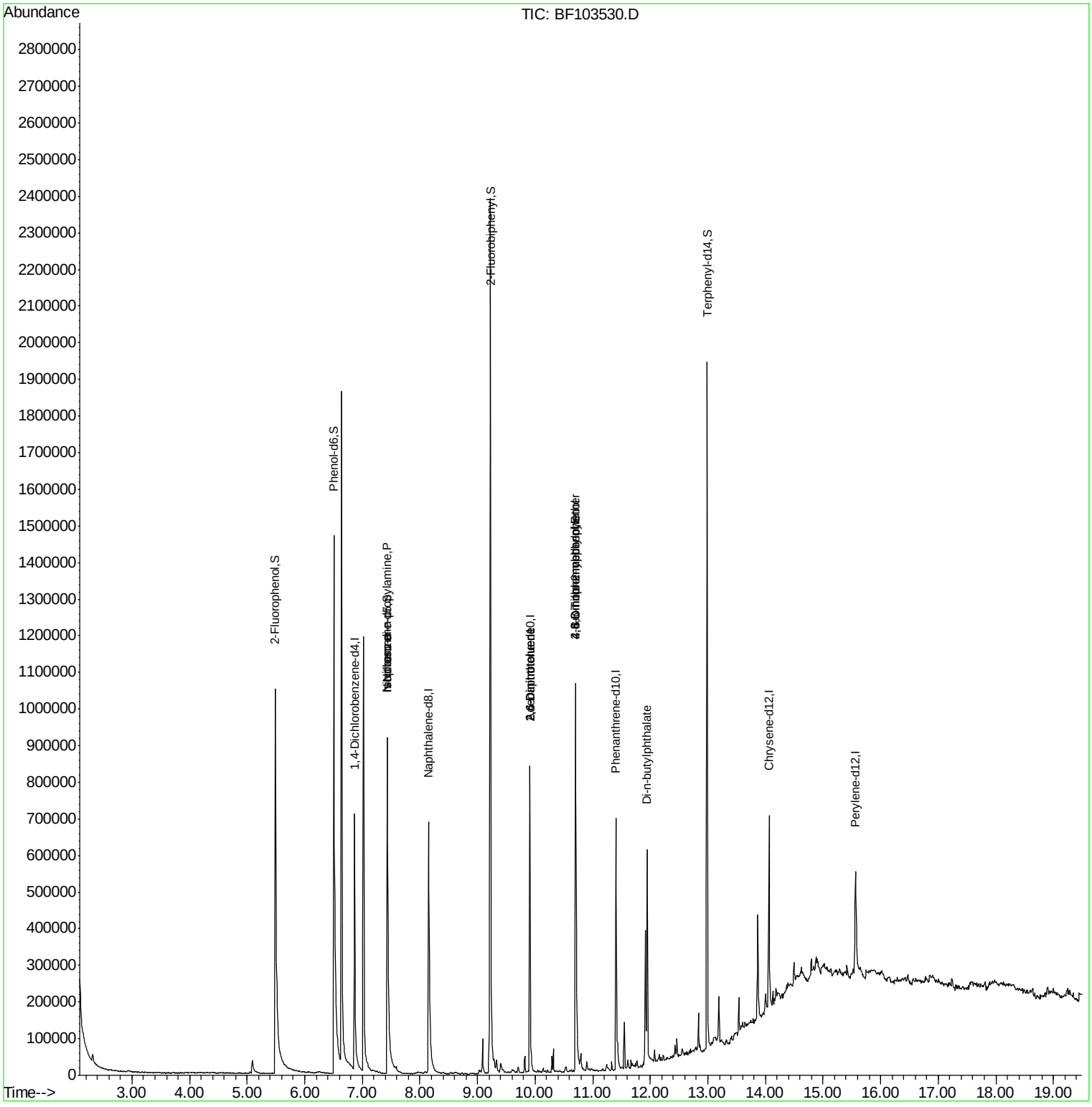
(#) = qualifier out of range (m) = manual integration (+) = signals summed

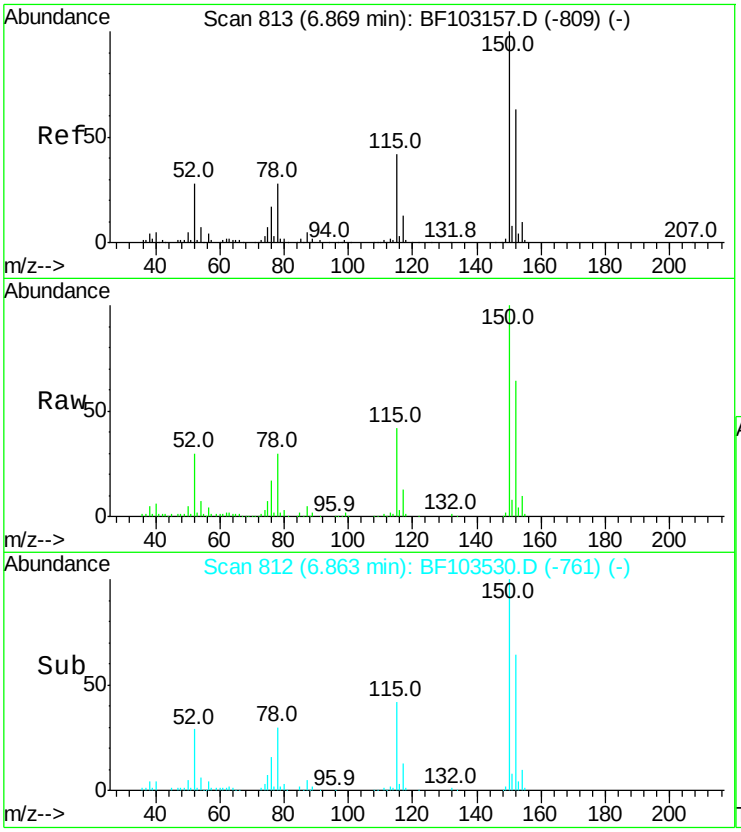
Quantitation Report (Not Reviewed)

Data Path : \\74.0.250.170\SVOASRV\HPCHEM1\BNA F\DATA\BF030818\
Data File : BF103530.D
Acq On : 8 Mar 2018 21:22
Operator : SJ/JU
Sample : J1824-01
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :

Quant Time: Mar 08 23:54:22 2018
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF022218.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Mar 08 14:20:19 2018
Response via : Initial Calibration



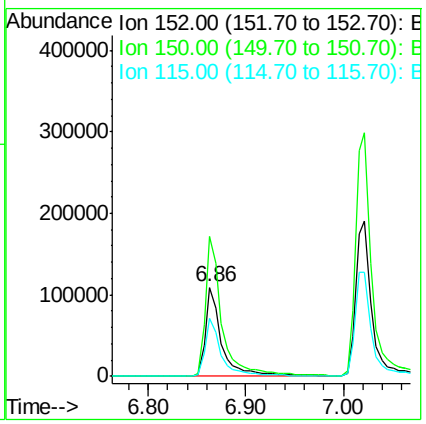


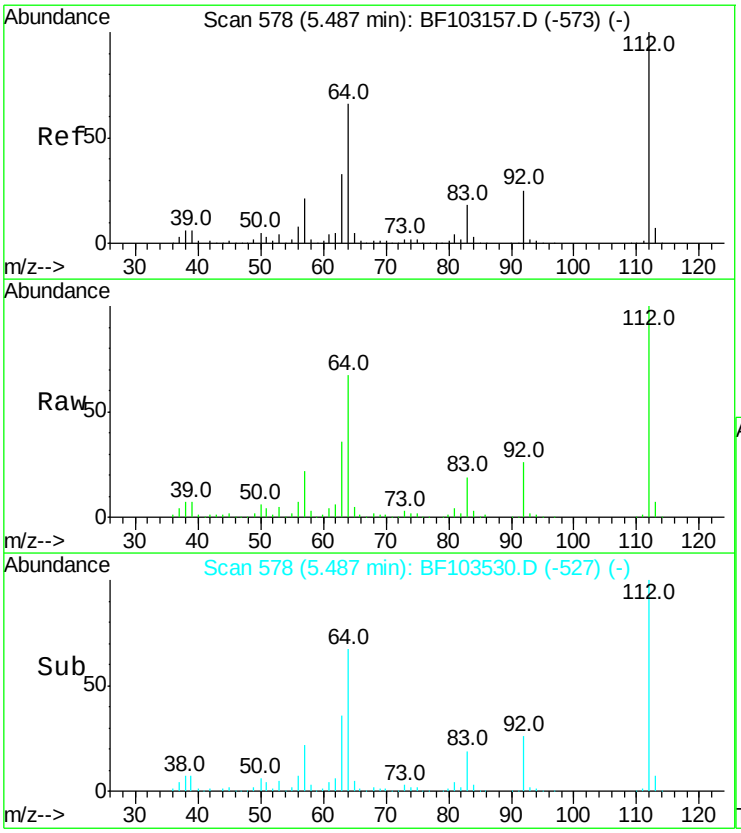
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.86 min Scan# 812
Delta R.T. 0.00 min
Lab File: BF103530.D
Acq: 8 Mar 2018 21:22

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:152 Resp: 128570

Ion	Ratio	Lower	Upper
152	100		
150	156.9	124.6	186.8
115	65.4	50.1	75.1

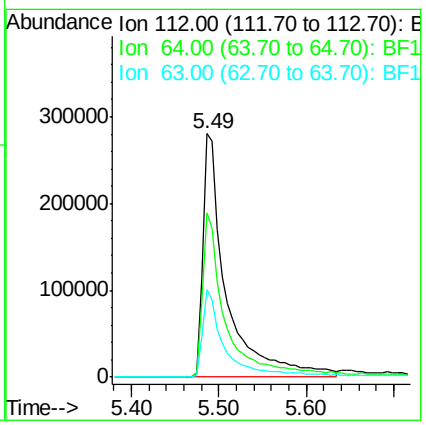


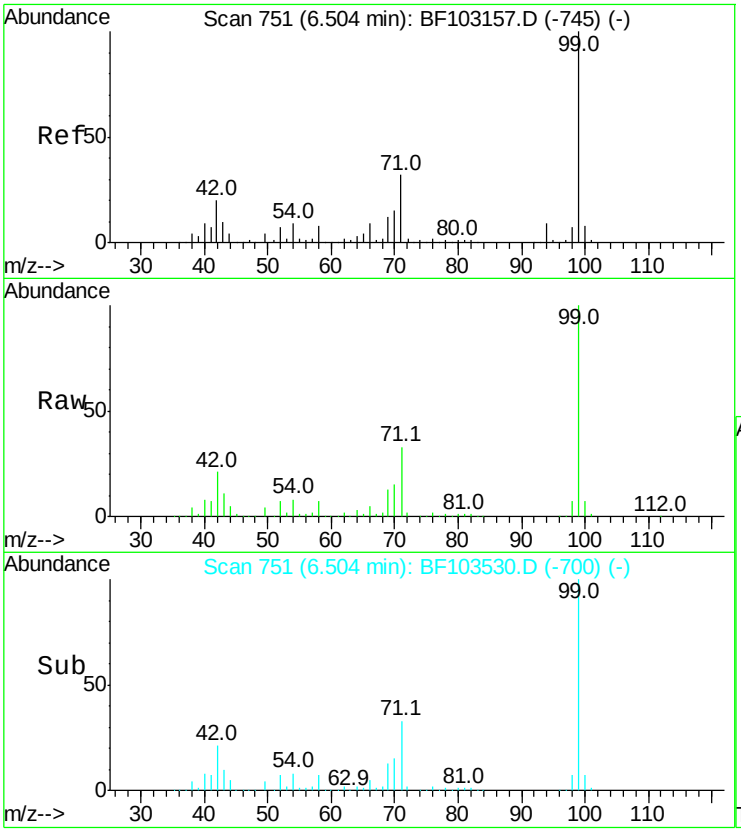


#5
2-Fluorophenol
Concen: 61.756 ng
RT: 5.49 min Scan# 578
Delta R.T. 0.00 min
Lab File: BF103530.D
Acq: 8 Mar 2018 21:22

Tgt Ion:112 Resp: 524982

Ion	Ratio	Lower	Upper
112	100		
64	67.5	47.9	71.9
63	35.8	23.7	35.5#



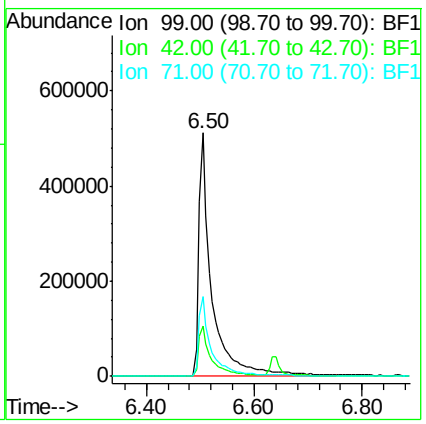


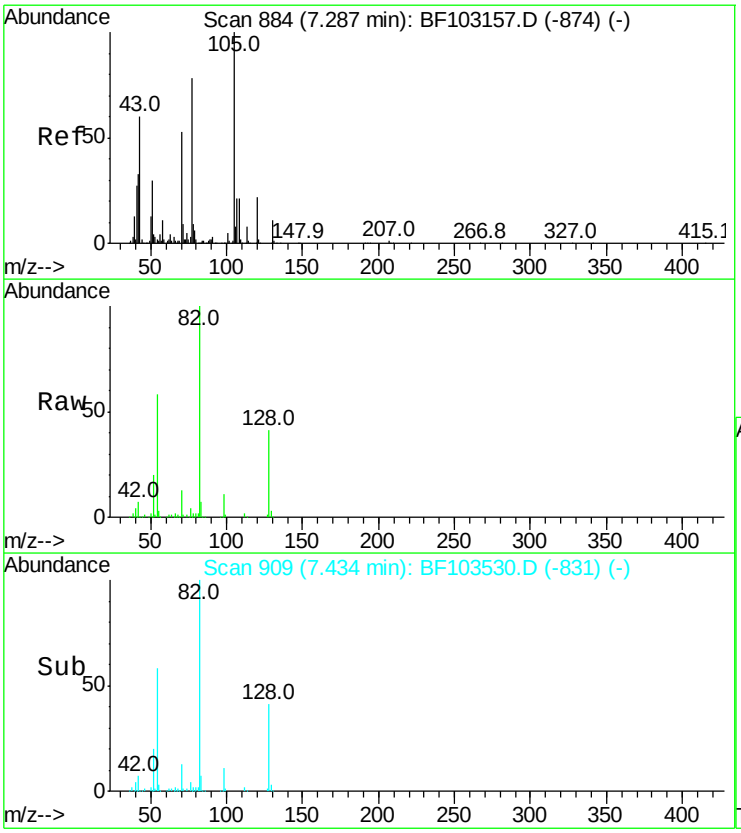
#7
Phenol-d6
Concen: 82.469 ng
RT: 6.50 min Scan# 751
Delta R.T. 0.00 min
Lab File: BF103530.D
Acq: 8 Mar 2018 21:22

Instrument :
BNA_F
ClientSampleId :

Tgt Ion: 99 Resp: 857857

Ion	Ratio	Lower	Upper
99	100		
42	20.7	14.5	21.7
71	32.7	25.4	38.0

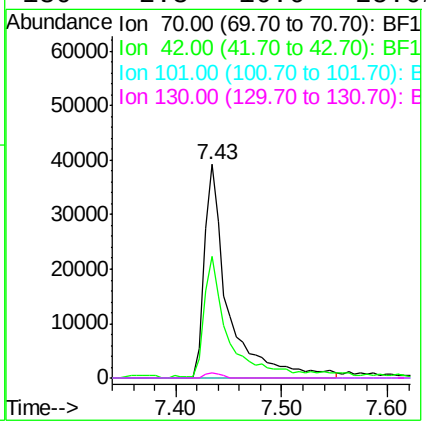


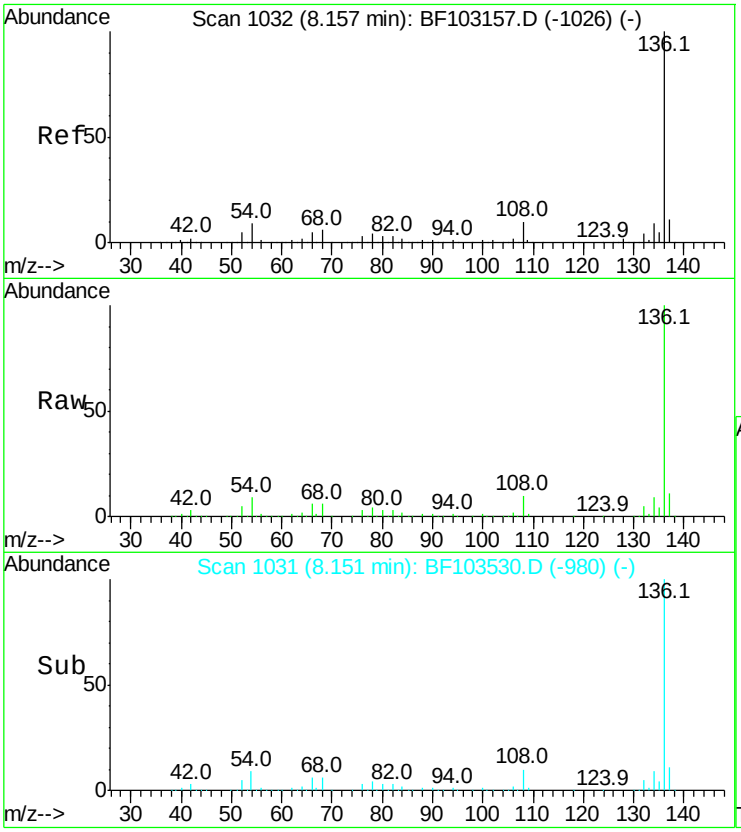


#19
n-Nitroso-di-n-propylamine
Concen: 9.489 ng
RT: 7.43 min Scan# 909
Delta R.T. 0.16 min
Lab File: BF103530.D
Acq: 8 Mar 2018 21:22

Tgt Ion: 70 Resp: 61432

Ion	Ratio	Lower	Upper
70	100		
42	57.2	47.5	71.3
101	0.0	7.4	11.2#
130	2.3	16.6	25.0#



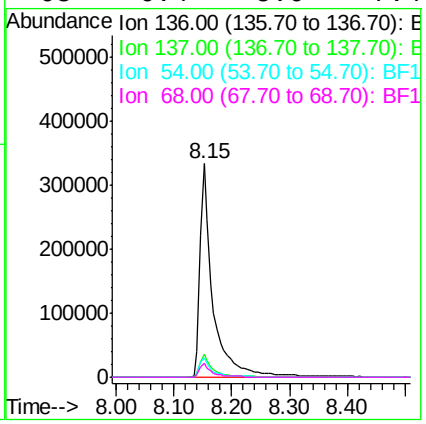


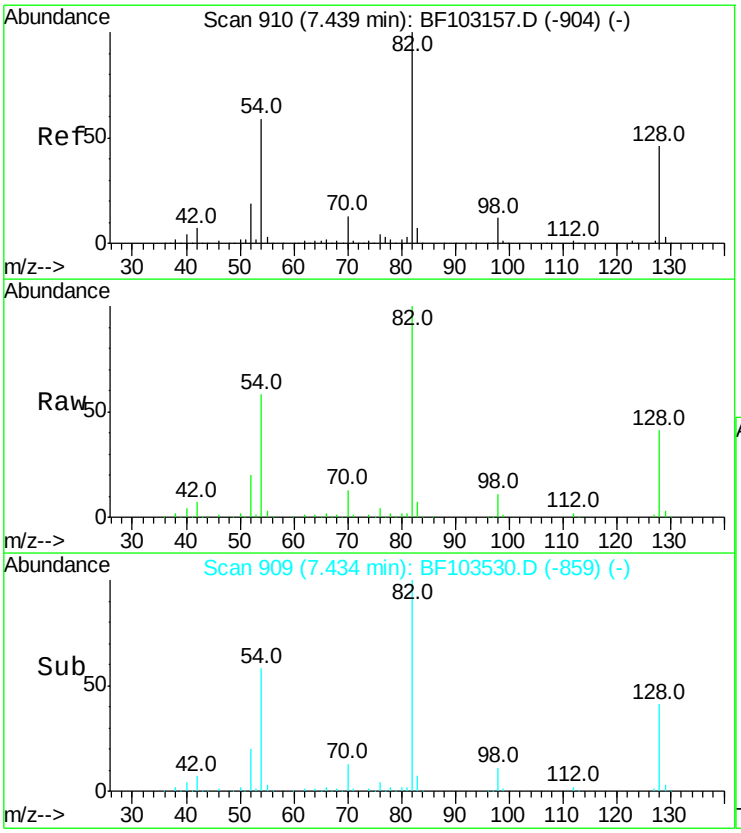
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.15 min Scan# 1031
Delta R.T. 0.00 min
Lab File: BF103530.D
Acq: 8 Mar 2018 21:22

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:136 Resp: 527717

Ion	Ratio	Lower	Upper
136	100		
137	10.6	8.9	13.3
54	9.3	6.6	9.8
68	6.4	5.0	7.4

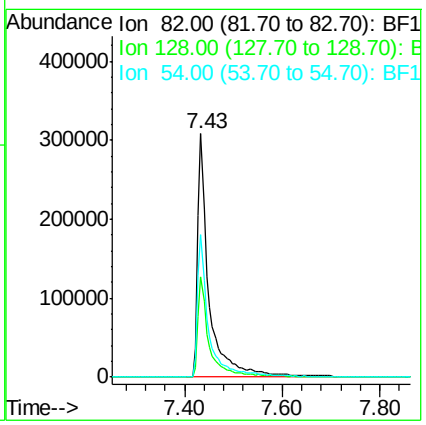


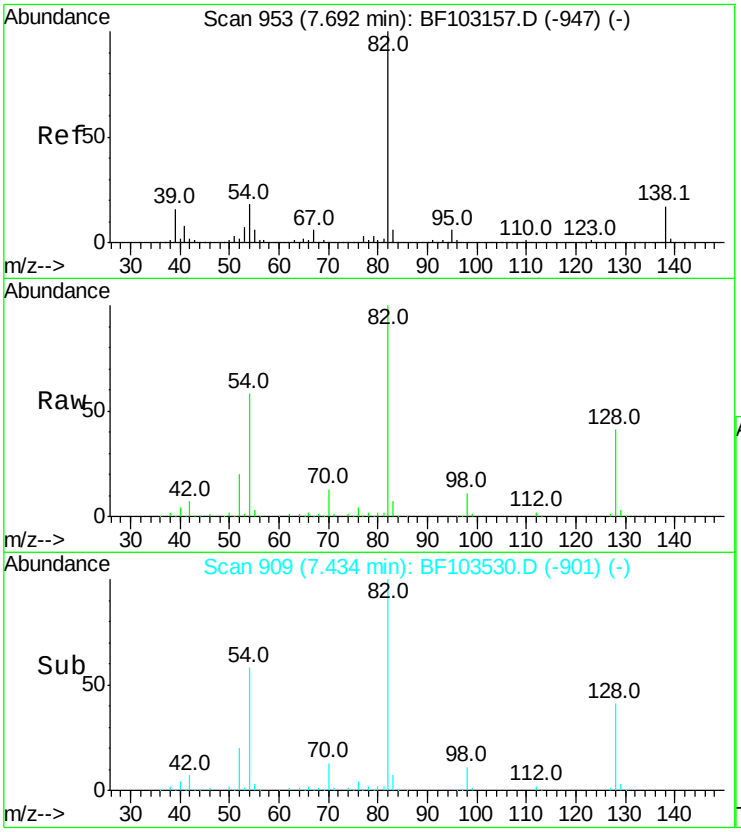


#23
Nitrobenzene-d5
Concen: 54.014 ng
RT: 7.43 min Scan# 909
Delta R.T. -0.01 min
Lab File: BF103530.D
Acq: 8 Mar 2018 21:22

Tgt Ion: 82 Resp: 499123

Ion	Ratio	Lower	Upper
82	100		
128	41.1	36.1	54.1
54	58.4	41.4	62.2



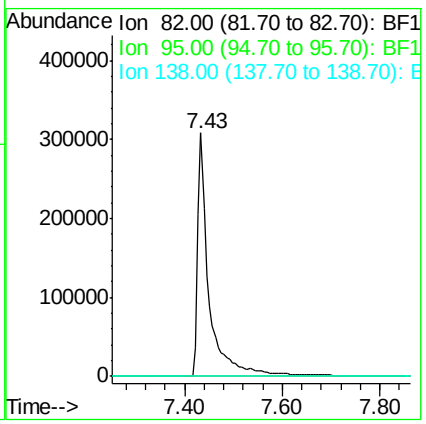


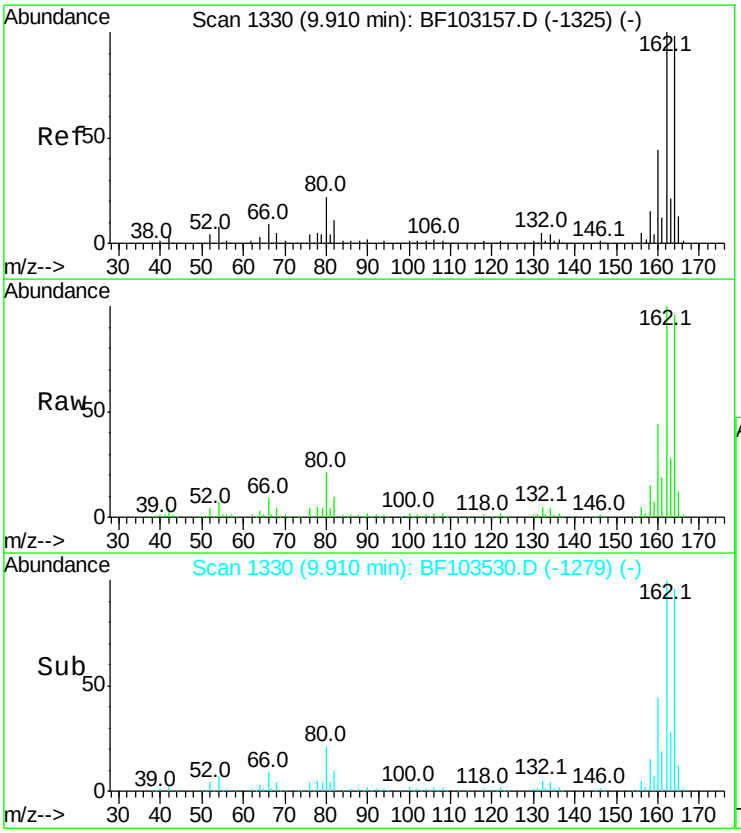
#25
Isophorone
Concen: 27.425 ng
RT: 7.43 min Scan# 909
Delta R.T. -0.25 min
Lab File: BF103530.D
Acq: 8 Mar 2018 21:22

Instrument :
BNA_F
ClientSampleId :

Tgt Ion: 82 Resp: 499123

Ion	Ratio	Lower	Upper
82	100		
95	0.0	5.2	7.8#
138	0.0	14.9	22.3#

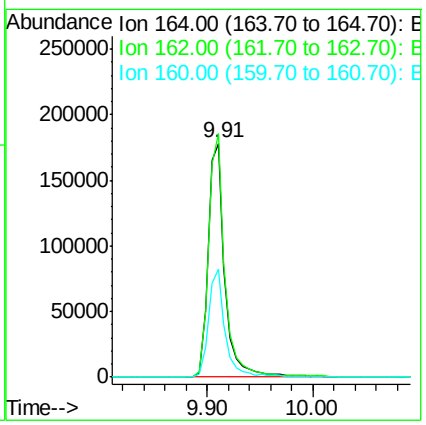


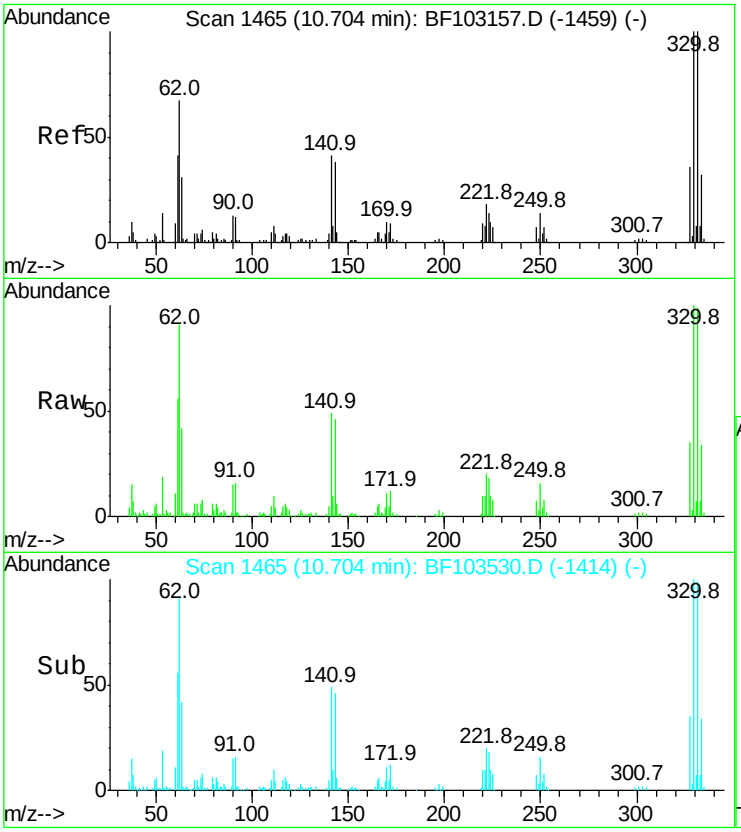


#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.91 min Scan# 1330
Delta R.T. 0.00 min
Lab File: BF103530.D
Acq: 8 Mar 2018 21:22

Tgt Ion:164 Resp: 197754

Ion	Ratio	Lower	Upper
164	100		
162	104.2	86.1	129.1
160	46.1	38.3	57.5



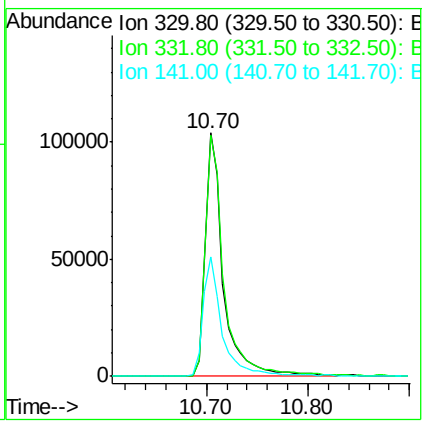


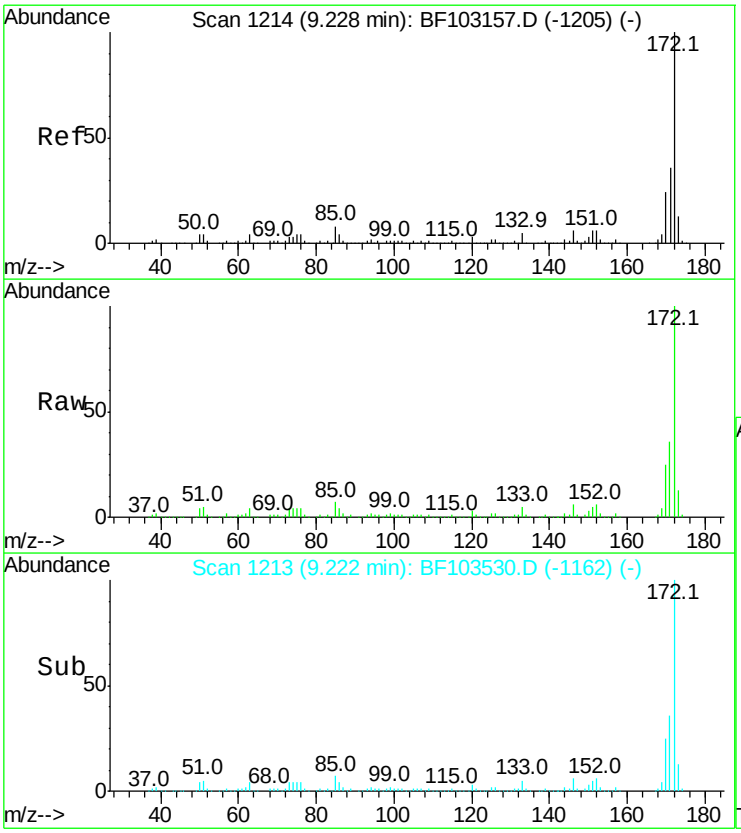
#41
2,4,6-Tribromophenol
Concen: 76.772 ng
RT: 10.70 min Scan# 1465
Delta R.T. 0.00 min
Lab File: BF103530.D
Acq: 8 Mar 2018 21:22

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:330 Resp: 128507

Ion	Ratio	Lower	Upper
330	100		
332	103.3	77.0	115.6
141	50.7	29.9	44.9#

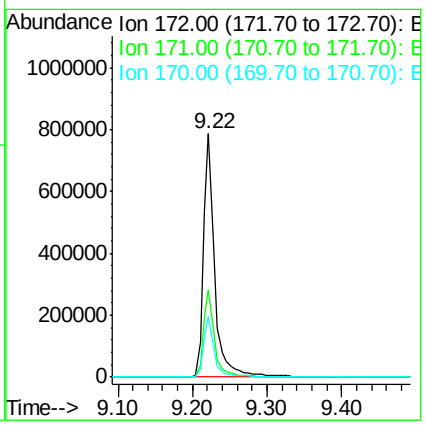


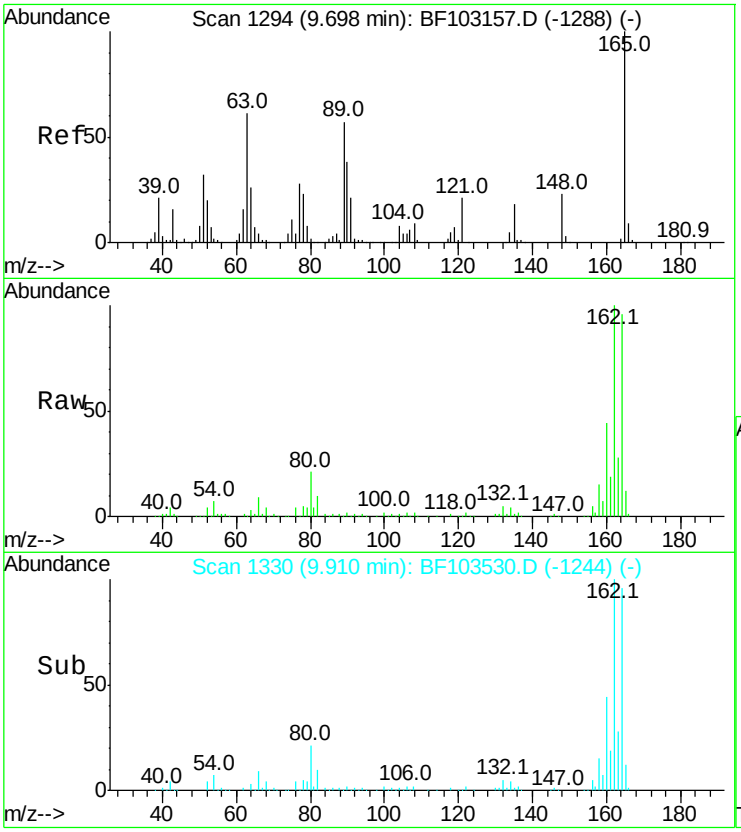


#44
2-Fluorobiphenyl
Concen: 69.812 ng
RT: 9.22 min Scan# 1213
Delta R.T. 0.00 min
Lab File: BF103530.D
Acq: 8 Mar 2018 21:22

Tgt Ion:172 Resp: 836660

Ion	Ratio	Lower	Upper
172	100		
171	35.8	29.7	44.5
170	24.8	19.6	29.4



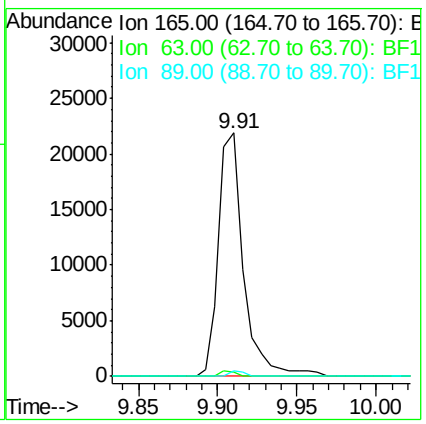


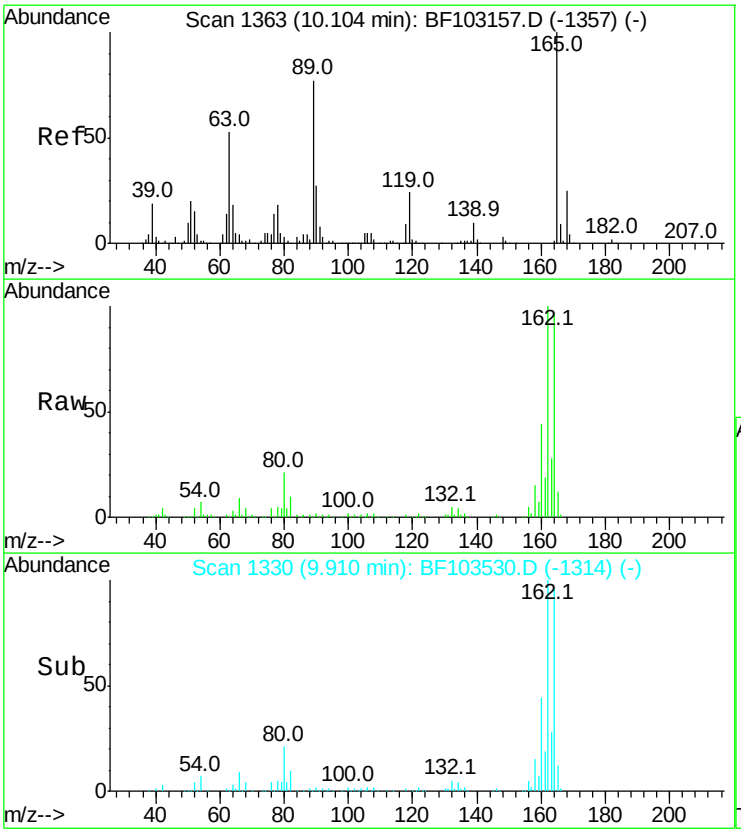
#50
2,6-Dinitrotoluene
Concen: 7.216 ng
RT: 9.91 min Scan# 1330
Delta R.T. 0.21 min
Lab File: BF103530.D
Acq: 8 Mar 2018 21:22

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:165 Resp: 24022

Ion	Ratio	Lower	Upper
165	100		
63	1.8	44.7	67.1#
89	2.1	44.0	66.0#

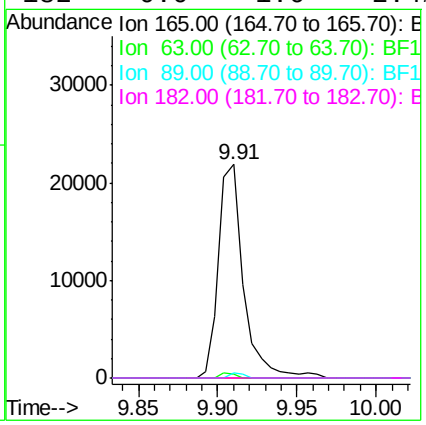


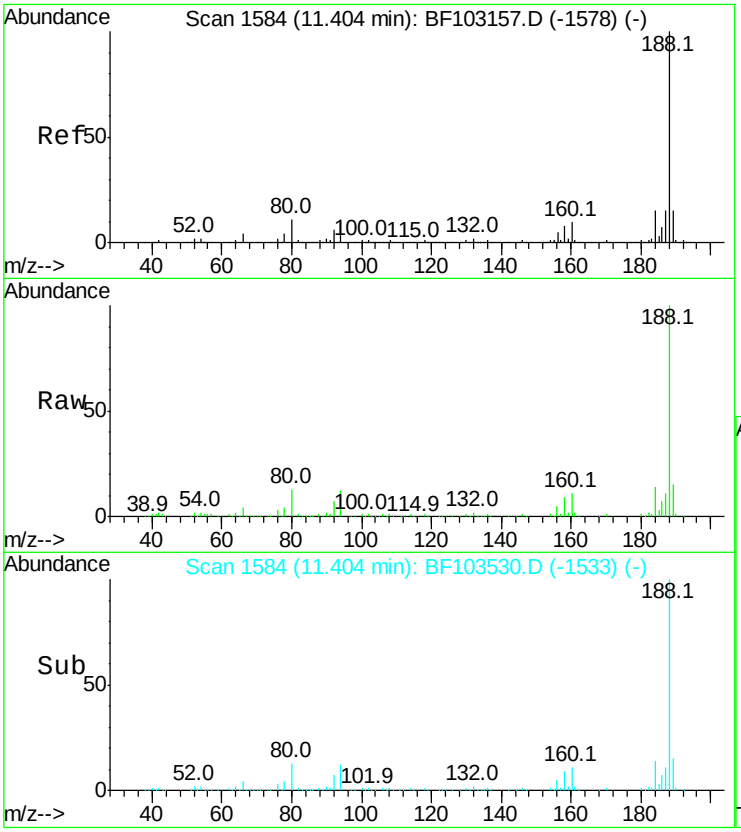


#56
2,4-Dinitrotoluene
Concen: 5.705 ng
RT: 9.91 min Scan# 1330
Delta R.T. -0.21 min
Lab File: BF103530.D
Acq: 8 Mar 2018 21:22

Tgt Ion:165 Resp: 24022

Ion	Ratio	Lower	Upper
165	100		
63	1.8	36.4	54.6#
89	2.1	57.8	86.6#
182	0.0	1.6	2.4#



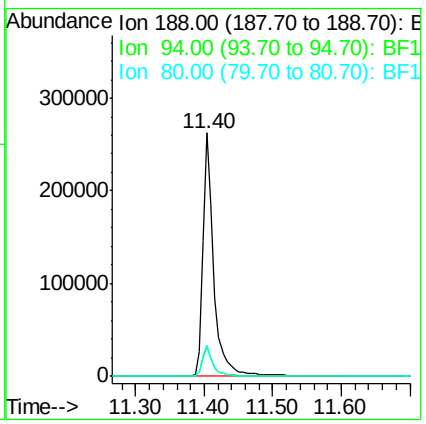


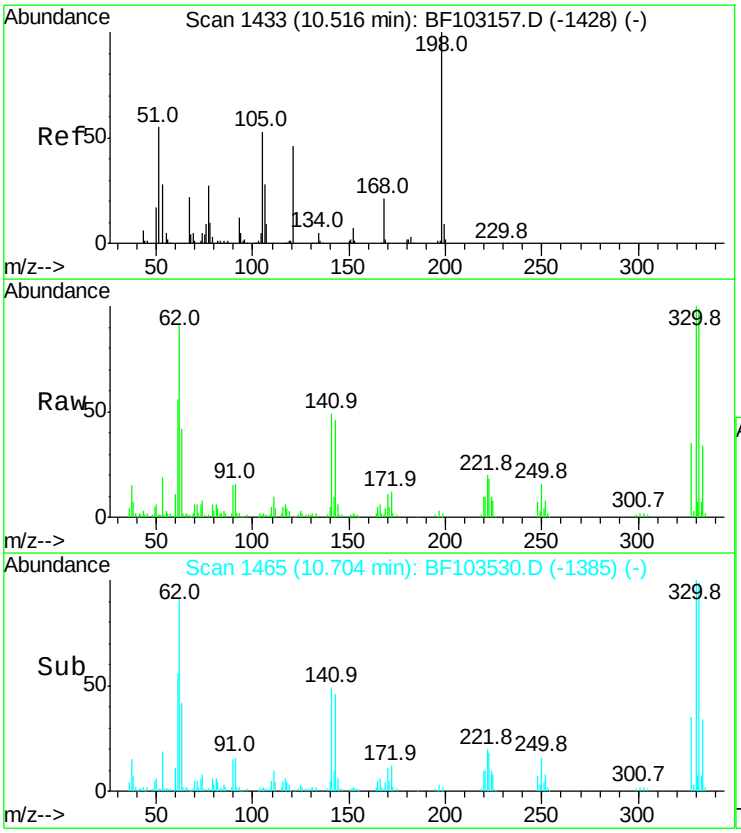
#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.40 min Scan# 1584
Delta R.T. 0.00 min
Lab File: BF103530.D
Acq: 8 Mar 2018 21:22

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:188 Resp: 298607

Ion	Ratio	Lower	Upper
188	100		
94	12.1	8.5	12.7
80	12.9	9.2	13.8

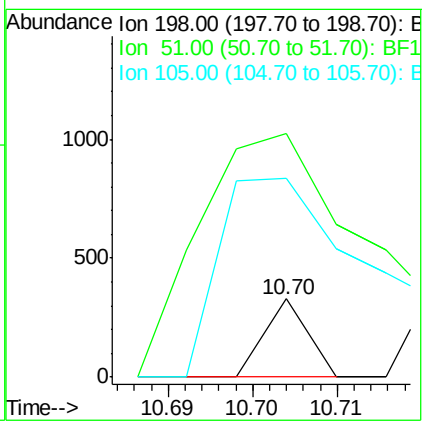


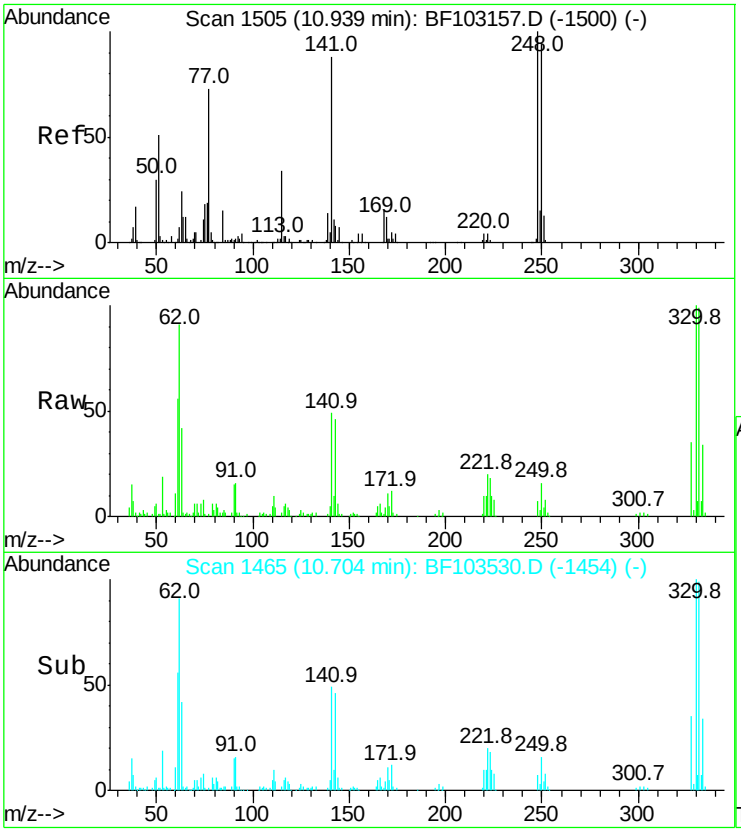


#64
4,6-Dinitro-2-methylphenol
Concen: 5.003 ng
RT: 10.70 min Scan# 1465
Delta R.T. 0.17 min
Lab File: BF103530.D
Acq: 8 Mar 2018 21:22

Tgt Ion:198 Resp: 116

Ion	Ratio	Lower	Upper
198	100		
51	312.2	37.7	77.7#
105	254.6	36.3	76.3#



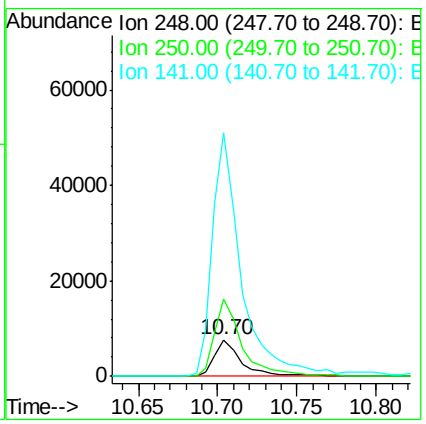


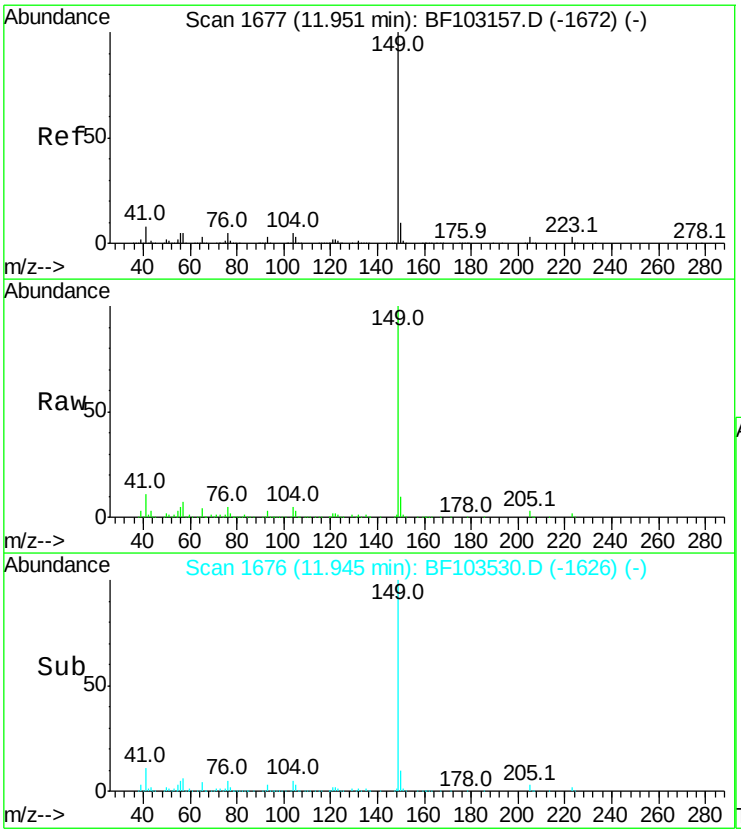
#66
4-Bromophenyl-phenylether
Concen: 2.935 ng
RT: 10.70 min Scan# 1465
Delta R.T. -0.24 min
Lab File: BF103530.D
Acq: 8 Mar 2018 21:22

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:248 Resp: 9131

Ion	Ratio	Lower	Upper
248	100		
250	211.9	76.9	115.3#
141	669.4	74.4	111.6#

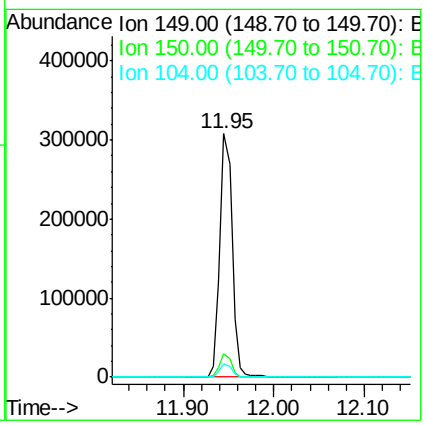


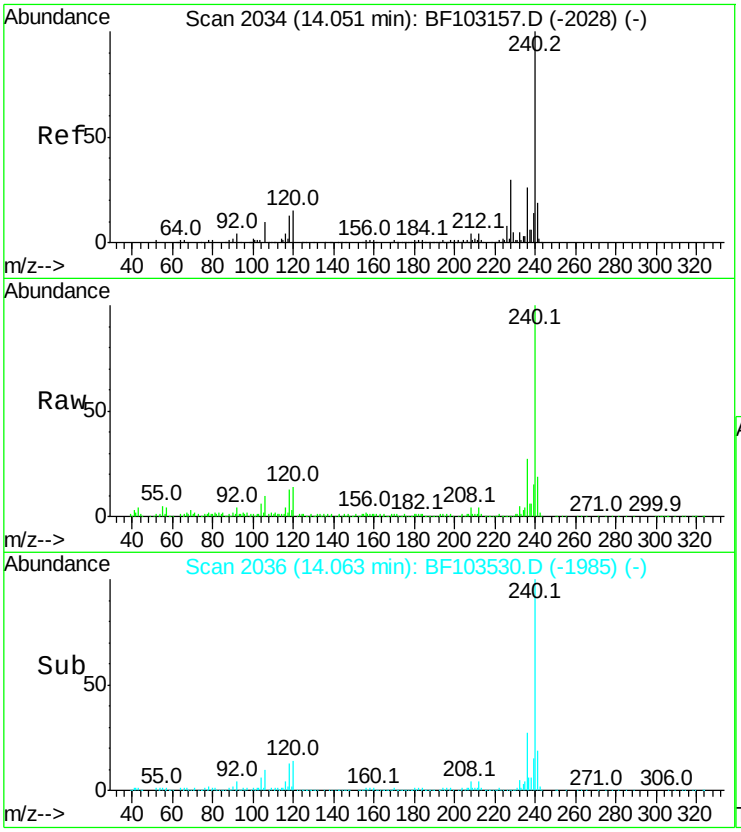


#73
Di-n-butylphthalate
Concen: 13.703 ng
RT: 11.95 min Scan# 1676
Delta R.T. -0.01 min
Lab File: BF103530.D
Acq: 8 Mar 2018 21:22

Tgt Ion:149 Resp: 287742

Ion	Ratio	Lower	Upper
149	100		
150	9.8	7.8	11.6
104	5.2	3.8	5.8



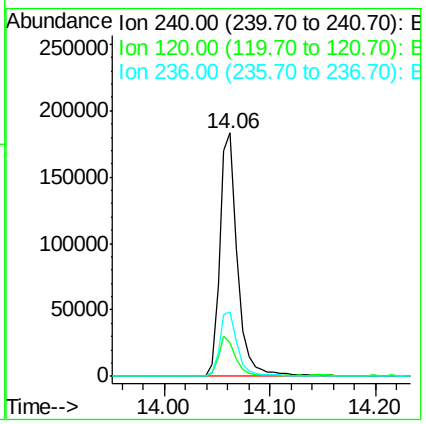


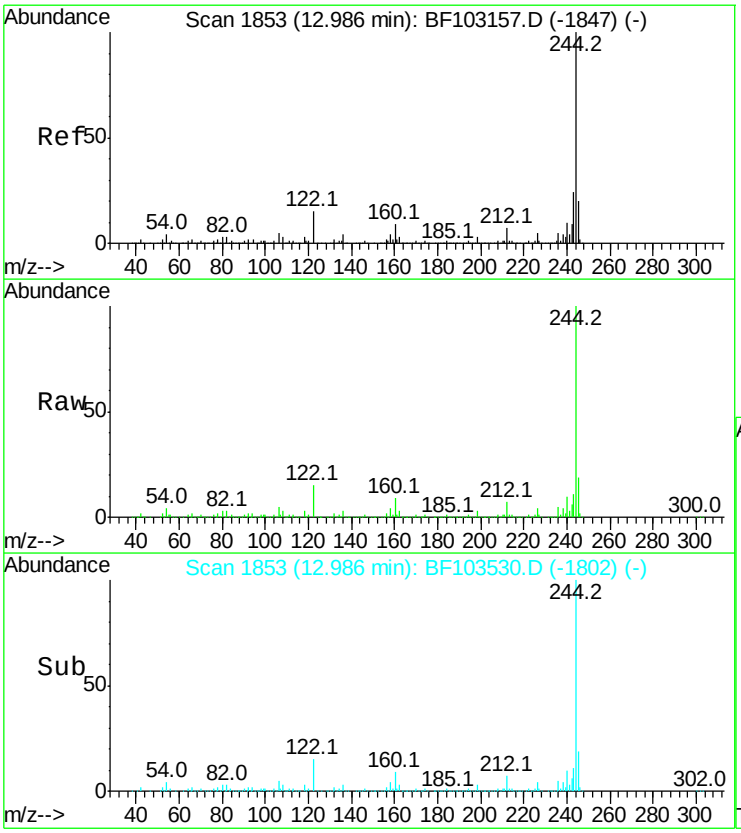
#75
Chrysene-d12
Concen: 20.000 ng
RT: 14.06 min Scan# 2036
Delta R.T. 0.00 min
Lab File: BF103530.D
Acq: 8 Mar 2018 21:22

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:240 Resp: 212108

Ion	Ratio	Lower	Upper
240	100		
120	14.0	9.5	14.3
236	26.6	20.7	31.1

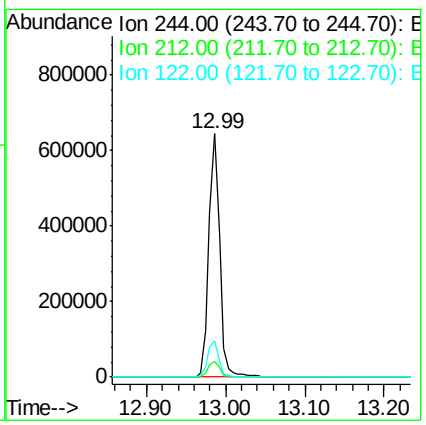


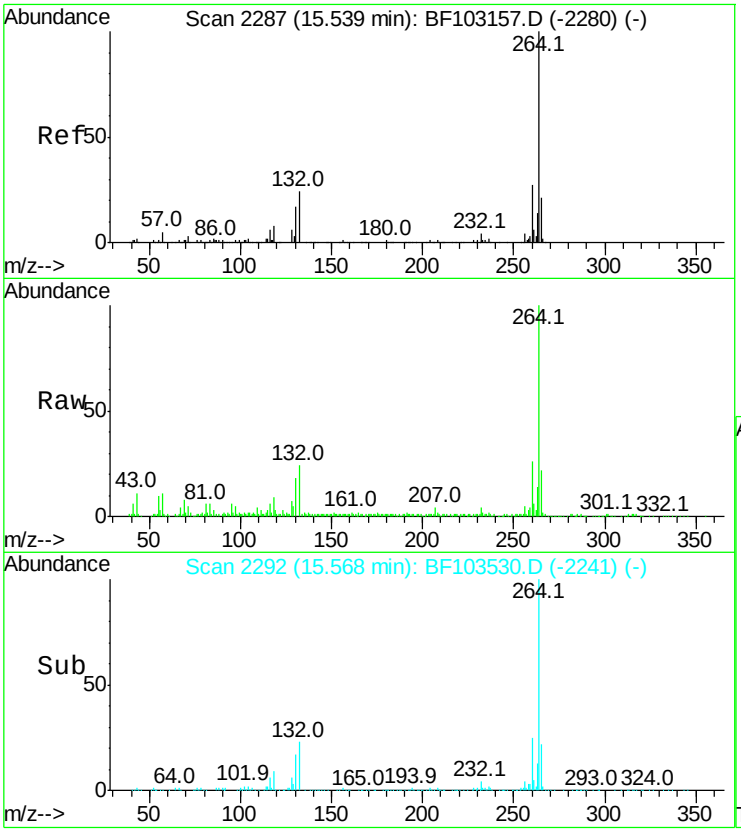


#78
Terphenyl-d14
Concen: 69.596 ng
RT: 12.99 min Scan# 1853
Delta R.T. 0.00 min
Lab File: BF103530.D
Acq: 8 Mar 2018 21:22

Tgt Ion:244 Resp: 614090

Ion	Ratio	Lower	Upper
244	100		
212	6.6	5.4	8.0
122	14.7	11.0	16.4





#86
Perylene-d12
Concen: 20.000 ng
RT: 15.57 min Scan# 2292
Delta R.T. 0.00 min
Lab File: BF103530.D
Acq: 8 Mar 2018 21:22

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:264 Resp: 168039

Ion	Ratio	Lower	Upper
264	100		
260	25.6	19.2	28.8
265	22.5	17.5	26.3